

ABSTRACT

Disclosed is a code division multiple access (CDMA) communication system having a downlink dedicated physical channel (DL_DPCH) having a
5 downlink dedicated physical control channel (DL_DPCCH) and a downlink
dedicated physical data channel (DL_DPDCH). The DL_DPCCH having a
transport power control (TPC) field transmitting a TPC command for controlling
uplink transport power, a transport format combination indicator (TFCI) field
transmitting TFCI indicating a transport format combination of a currently
10 transmitted channel, and a pilot field transmitting a pilot. The DL_DPDCH has
first and second data fields transmitting downlink data. If data is normally
received over an enhanced uplink dedicated channel (EUDCH), ACK
information is generated, and if data is abnormally received over the EUDCH,
NACK information is generated. Bits corresponding to the ACK or NACK
15 information are punctured at a position randomly selected from the first and
second data fields of the DL_DPDCH, and the ACK or NACK information is
inserted into the punctured position before being transmitted.